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plurality of parking slots thereat, said system comprising:

- a. A plurality of parking space units located at particular parking slots, each of said plurality of parking units comprising of a receiver for receiving signals and a transmitter for transmitting signals;
 - b. A plurality of vehicle units installed into particular motor vehicles, each of said plurality of vehicle units comprising of a transceiver for transmitting and receiving signals, said vehicle transceiver transmitting a unique low power signal to said parking space units' receiver with each of said plurality of parking space units receiving a unique low power signal from a particular vehicle, in which said vehicle units are installed and are parked in a particular slot.
 - c. A computer interface transceiver unit installed in a base station which monitors the operation of said system. Said parking space unit transceiver upon receipt of said low power signal, transmits a signal, containing information both to said particular parking slot and to said particular vehicles, to a base station transceiver unit, and said base station computer indicating the location of a particular motor vehicle in a particular parking slot.
2. Electronic Vehicle Monitoring System (please refer to Figure 2) as defined in claim 1, wherein each of said plurality of vehicle units comprises:

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- a. A processor,
 - b. A memory containing unique information identifying the particular vehicle;
 - c. A power supply;
 - d. A receiver; and,
 - e. A low power RF transmitter, for transmitting a unique unidirectional signal from a particular vehicle unit, to a particular parking space receiver unit in which the particular vehicle is parked.
3. Electronic Vehicle Monitoring System (please refer to Figure 2) as defined in claim 1, wherein each of said plurality of parking space units comprises:
- a. A processor;
 - b. A power supply;
 - c. A receiver;
 - d. A transmitter; and
 - e. A memory containing unique information identifying the particular parking space. A receiver for receiving unique low power RF signal from a particular vehicle unit installed in a particular vehicle. A transmitter transmitting a signal to a base station receiver unit containing information identifying the particular parking slots in which the particular

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motor vehicle is parked.

containing unique information identifying the particular vehicle unit. Said plurality of vehicle unit transmitter transmits a unique RF signal containing information identifying a particular motor vehicle that said vehicle unit is installed in. And a base station computer interface unit receiving said information identifying the particular motor vehicle that each vehicle unit is installed in, from a set distance in a lot.

7. Electronic Vehicle Monitoring System (please refer to Figure 2) as defined in claims 1 & 6, wherein each of said plurality of vehicle unit transmitters transmit said signal upon said vehicle ignition system is being turn off.
8. Electronic Vehicle Monitoring System (please refer to Figure 2) as defined in claim 1, wherein said base station computer communicates with said base station transceiver unit to transmit a unique RF coded signal to a particular vehicle unit. Said particular vehicle unit upon receiving said signal, transmits a RF signal containing vehicle information identifying said particular motor vehicle that said vehicle unit is installed in, to a base station computer.
9. Electronic Vehicle Monitoring system as defined in claim 6, wherein each of said plurality of motor vehicle unit transmitters transmit a signal, upon said vehicle transceiver receiving a unique RF coded signal from said base

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station transceiver unit.

10. Electronic Vehicle monitoring system as defined in claim 1, wherein said base station computer interface transceiver unit, additionally transmits a unique coded signal to a particular parking space unit. Said parking space unit upon receiving said signal, transmits said parking space information identifying said particular parking space unit installed in a particular parking slot, to said base station computer interface unit.
11. Electronic Vehicle Monitoring System (please refer to Figure 2) as claimed in claim 2, wherein each of said plurality of vehicle unit transmitting signal is an optical (infrared) unidirectional signal.
12. Electronic Vehicle Monitoring System (please refer to Figure 2) as claimed in claim 2, wherein each of said plurality of vehicle unit transmitting signal is an electromagnetic signal.
13. Electronic Vehicle Monitoring System (please refer to Figure 2) as claimed in claim 3, wherein each of said plurality of parking space receiver units receiving signal from said particular vehicle unit, is an optical (infrared) signal.
14. Electronic Vehicle Monitoring System (please refer to Figure 2) as claimed in claim 3, wherein each of said plurality of parking space units receiving signal from said particular vehicle unit, is an electromagnetic signal.

15. Electronic Vehicle Monitoring System (please refer to Figure 3) for tracking the location of plurality of motor vehicles at a particular location having a plurality of parking slots thereat, said system comprising:
 - a. A plurality of parking space unit each for placement at a particular parking slot, each of said plurality of parking units comprising of a receiver for receiving signal and a transmitter for transmitting signals.
 - b. A plurality of vehicle units each for installation into a particular motor vehicle, each of said plurality of vehicle units comprising of a vehicle transceiver unit for transmitting and receiving signals. Said parking space unit transmitting a unique low power signal to a particular vehicle unit parked at a particular parking slot. Said vehicle transceiver unit upon receiving said signal, transmits a unique RF signal containing information to said particular vehicle, to a base station computer.
16. Electronic Vehicle Monitoring System (please refer to Figure 3) as defined in claim 15, wherein said parking space unit transmits a unique low power RF signal to a particular vehicle unit, upon receiving a signal from said base station computer interface unit.
17. Electronic Vehicle Monitoring System (please refer to Figure 3) as defined in claim 15, wherein said vehicle unit additionally transmits a unique RF

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signal containing both vehicle and parking space information to a base station computer.

18. Electronic Vehicle Monitoring System (please refer to Figure 3) as defined in claim 15, wherein said base station computer interface unit signaling a particular vehicle transceiver unit with a unique RF coded signal, said vehicle transceiver upon receipt of said signal, transmits a unique low power RF signal to a particular parking space unit in which said particular vehicle is parked. Said parking space unit upon receiving said signal from said particular motor vehicle unit, transmits a low power RF signal containing information to said particular parking space unit, to a particular motor vehicle unit in which each of said vehicle units are installed, and the particular motor vehicle unit upon receipt of said signal, transmits a signal containing information to both particular parking space unit that each motor vehicle is parked, and to each one of said motor vehicle units installed in, to a base station computer.

19. Electronic Vehicle Monitoring System (please refer to Figure 3) as defined in claim 15, wherein said parking space unit is equipped with a motion sensor, said sensor upon detecting vehicle movement in said particular parking space that is installed in, said sensor signaling said particular parking space unit, to transmit a low power signal to a particular vehicle transceiver unit, parked within said particular parking space, and said vehicle transceiver unit upon receiving said signal from the particular parking space unit, transmits a unique RF signal containing information to said vehicle to a base station

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computer interface unit.

20. Electronic Vehicle Monitoring System as claimed in claim 15, wherein said plurality of parking space unit is connected to a sensor switch, said sensor switch is placed within plurality of parking space, said sensor switch detecting vehicle movement when a particular vehicle enters or exit said particular parking space, by means of traveling over said sensor switch, said sensor signaling said particular parking space unit to transmit a low power signal to a particular vehicle transceiver unit parked within said particular parking space. Said vehicle transceiver unit upon receiving said signal from said particular parking space unit, transmits a unique RF coded signal containing information to said particular motor vehicle, to a base station computer interface unit.

21. Electronic Vehicle Monitoring System (please refer to Figure 3) as defined in claim 15, wherein said parking space unit transmitted signal is a directional optical (Infrared) signal.

22. Electronic Vehicle Monitoring System (please refer to Figure 3) as defined in claim 15, wherein said parking space unit transmitted signal is an electromagnetic signal.

23. Electronic Vehicle Monitoring System (please refer to Figure 3) as claimed in claim 15 wherein said vehicle transceiver unit receiving signal is an

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optical (infrared) signal.

24. Electronic Vehicle Monitoring System (please refer to Figure 3) as defined in claim 15, wherein said vehicle transceiver receiving signal is an electromagnetic signal.
25. Electronic Vehicle Monitoring System as defined in claims 1, 6 & 15, wherein said vehicle unit additionally is equipped with a alarm detection means, for determining the presence of security violation comprising of at least one of the group consisting of ignition switch sensor used to sense when the particular vehicle is started, a voltage drop circuitry to sense when a door or trunk is opened, a motion sensor used to detect motion in the particular vehicle, and a door switch sensor used to sense when one of the particular vehicle door is opened, and transmitting means transmitting at least one of said group violation to said monitoring station.
26. Electronic Vehicle Monitoring System as defined in claim 25, wherein said security violation comprises at least one of group consisting of a light controller which may be used to flash the particular motor vehicle lights, engine immobilizer module may be used to disable the particular motor vehicle engine. A horn controller which may be used to honk the horn. a wireless phone modem or a pager which is installed within said vehicle to signal a monitoring station the presence of a violation.

27. Electronic Vehicle monitoring System as defined in claims 1, 6 & 15, wherein said vehicle additionally is equipped with a GPS antenna receiver, and said base station is equipped with a GPS tracking system to monitor the location of said vehicle .
28. Electronic Vehicle Monitoring System (please refer to Figure 3) as defined in claims 1, 6 & 15 wherein said base station computer interfaces with a vehicle key track unit, said base station computer is capable of monitoring said key track system by means of which vehicle key is in or out from the key track system, and identify the person in which had or has access to said keys.
29. Electronic Vehicle Monitoring System as defined in claims 1, 6 & 15, wherein said base station is additionally is equipped with a Digital or voice dialer to notify a security violation to a central monitoring station.
30. Electronic vehicle Monitoring System as defined in claims 1, 6 & 15, wherein said base station computer transceiver interface unit is capable of signaling a plurality of vehicle transceiver unit, with an RF signal to arm and or disarm said vehicle alarm unit.
31. Electronic Vehicle Monitoring system as defined in claims 1, 6 & 15,

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wherein said base station computer transceiver interface unit is capable of signaling a plurality of vehicle transceiver unit, with a unique RF signal to lock and or unlock said vehicles doors.

32. Electronic Vehicle Monitoring System as defined in claims 1, 6 & 15, wherein said base station computer transceiver unit is capable of signaling a plurality of vehicle transceiver unit with a unique RF signal to flash the lights and or honk the horn of said vehicle.
33. Electronic Vehicle Monitoring system as defined in claims 1, 6 & 15, wherein said base station computer transceiver unit is capable of signaling a plurality of vehicle transceiver unit with a unique RF signal to immobilize said vehicle engine.
34. Electronic Vehicle Monitoring System as defined in claims 1, 6 & 15, wherein said base station comprises of a hand held mobile computer interfaced with an RF transceiver, which may be used to monitor the operation of said system.
35. Electronic Vehicle Monitoring System as defined in claims 1, 6, 15 & 27 wherein said vehicle transceiver and GPS unit controlling the vehicle ignition system. If and when said vehicle transceiver and or GPS unit is been tampered with, or disconnected from said vehicle, said vehicle transceiver and or GPS unit immobilizes said vehicle engine, and or honk

the horn of said vehicle, and or transmit a signal to a monitoring station the presence of a security violation.

36. Electronic Vehicle Monitoring System as defined in claim 35, wherein said vehicle transceiver and or GPS unit communicating with said vehicle ignition circuitry by means of RF or hard wire signal.
37. Electronic Vehicle Monitoring System as defined in claim 35, wherein said vehicle transceiver unit additionally comprises:
 - a. A transceiver unit with a tamper sensing switch;
 - b. A mounting tape, a magnet or a mounting bracket used to mount said vehicle unit into said vehicle. Said transceiver unit tamper switch location side is mounted against said vehicle structure, to control the operation of said vehicle unit. When said vehicle transceiver unit is removed from said mounted position, said tamper switch activates said vehicle transceiver unit to transmit a security violation signal.
38. Electronic Vehicle Monitoring System as defined in claim 37, wherein said vehicle unit additionally comprises of a GPS antenna driver and or a mobile phone or a pager unit.
39. Electronic Vehicle Monitoring System as defined in claims 37 & 38, wherein said vehicle transceiver unit and or GPS antenna unit is mounted within or onto said vehicle rear view mirror.

